

PATENT ABSTRACTS OF JAPAN

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(54) STEROID CREAM PREPARATION

(57)Abstract:

PURPOSE: The titled preparation having improved drug releasability, obtained by blending steroid as a main drug with a solubilizer in such a way that the steroid partially exist in a crystalline state and further with a nonionic surface active agent, a carboxylvinyl polymer as a gelatinizing agent and a water-soluble basic substance.

CONSTITUTION: 0.01W2wt% steroid is blended with 0.5W20wt% solubilizer such as diisopropyl adipate, diethyl sebasate, etc., 0.1W5wt% nonionic surface active agent, 0.1W3wt% carboxylvinyl polymer, 0.005W1wt% water-soluble basic substance and purified water. The solubilizer is finely granulated and dispersed by the nonionic surface active agent, the carboxylvinyl polymer is neutralized with the water-soluble basic substance and the prepared steroid preparation is adjusted to pH 4W7. Possession of the drug in a crystalline state can except improved steroid releasability and high curing effects.